

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remain(s) under examination in the application is presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently Amended) A method for coordinating telecommunications services provided to a plurality of users[[,]] via at least one telecommunications ~~terminals~~ terminal connected to at least one ~~various~~ telecommunications ~~networks~~ network, wherein a service mediation server coordinates [[the]] processing operations performed by ~~various~~ the telecommunications services on behalf of ~~each~~ of the [[users]] user, the method comprising:

connecting the telecommunications services to the service mediation server;

specifying, by each of the telecommunications services, at least one ~~of the events~~ event of which the ~~telecommunications service is to services-must~~ be notified by the service mediation server, ~~and events that~~ or which the ~~telecommunications service is services-are~~ capable of transmitting to the service mediation server;

connecting the at least one telecommunications ~~terminal~~ ~~terminals~~ of [[the]] a user [[users]] to the service mediation server;

transmitting, from the at least one telecommunications ~~terminal~~ ~~terminals~~ to the service mediation server, at least one user profile including an ~~profiles-specifying~~ availability mode; ~~modes-stored~~

storing the at least one user profile in a database;

activating, by the at least one telecommunications ~~terminals~~ terminal, a user profile ~~profiles~~ and an ~~previously-specified~~ availability [[modes]] mode previously stored in the database;

accessing, by the at least one telecommunications ~~terminals~~ terminal, at least one of the connected telecommunications services;

determining, by the service mediation server, a state of connectability of ~~[[each]]~~ the user ~~on the basis of an existence of~~ based upon whether at least one ~~[[user]]~~ telecommunications terminal is connected to the service mediation server[[,]] and the user's active user profile and availability mode ~~and profile~~;

transmitting, from the service mediation server to ~~each-connected~~ the at least one telecommunications terminal, ~~[[a]]~~ the state of connectability of ~~users-specified~~ contacts in a list ~~of contacts forming that is~~ part of the active user profile of the ~~terminal~~ user; and

transmitting, for each event received from a telecommunications service, an event notification from the service mediation server to ~~the-connected-services~~ a telecommunications service having specified that the telecommunications service is to ~~services-must~~ be notified of the event.

2. (Currently Amended) The method according to claim 1, wherein each availability mode specified by a user includes:

[[-]] an availability state capable of having the values of available and not available, in call transfer to a specified call number or an unknown number if the user does not want his/her availability state to be accessible,

[[-]] an optional terminal identifier to which an incoming call intended for the user is transferred,

[[-]] an event notification mode and

[[-]] a list of contacts to which the availability state applies.

3. (Previously Presented) The method according to claim 2 wherein each availability mode specified by a user also includes availability rules specifying periods in which the availability mode is active.

4. (Currently Amended) The method according to one of claim 1, the state of connectability of each user determined by the service mediation server can be in one of the following states:

[[-]] connectable if the active availability mode of the user is in the available state and if at least one user terminal is connected to the service mediation server,

[[-]] not connectable if no user terminal is connected to the mediation server,

[[-]] access to the connectability state subject to authorization if the user wants his/her connectability state to be provided to other users only with his/her prior authorization,

[[-]] in transfer if the user specified that incoming calls intended for him/her must be transferred to a call number specified in the active availability mode, and

[[-]] unknown if the requested user is not registered with the service mediation server or if he/she does not want his/her connectability state to be accessible.

5. (Previously Presented) The method according to claim 1, wherein the transmission of event notifications by the service mediation server is carried out upon the request of each connected service.

6. (Previously Presented) The method according to claim 1, wherein the transmission of an event notification by the service mediation server is performed upon receipt of the event if the

service is connected; otherwise, the event is stored in a log and is notified to the service when the latter connects to the service mediation server.

7-15. (Canceled)

Please add the following new claims 16-23:

16. (New) A telecommunications system comprising:
- at least one telecommunications network;
 - a plurality of telecommunications terminals connectable to the at least one telecommunications network;
 - at least one telecommunications service server connected to the at least one telecommunications network and providing at least one telecommunications service; and
 - a telecommunications server connected to the at least one telecommunications network and comprising a telecommunications service mediation system comprising
 - at least one database comprising user data, wherein the user data includes at least one previously specified user profile;
 - an availability server adapted to manage and determine a user availability according to user-specified active availability modes and rules included in the user data;

a service management module adapted to receive an event entry defining at least one of an event of which the at least one telecommunications service is to be notified or an event to be transmitted by the at least one telecommunications service;

an event notification module adapted to receive events and provide an event notification to the at least one telecommunications service if defined by an event entry; and

a service coordination module adapted to coordinate an operation of the at least one telecommunications service server related to at least one of the plurality of telecommunications terminals, to determine a user connectability state for each user profile associated with a user according to at least one of the plurality of telecommunications terminals connected to the telecommunications server by the telecommunications network and an active user profile and availability mode, and to transmit the user connectability state to each of the plurality of telecommunications terminals connected to the telecommunications network and included in a contact list of the active user profile of the user.

17. (New) The system of claim 16, comprising an identification/authentication module adapted to identify and authenticate users that attempt to access the service mediation system or a selected telecommunications service.

18. (New) The system of claim 16, comprising an interface module adapted to provide access to the telecommunications server by the at least one telecommunications network, and to receive processing requests from the at least one telecommunications services or users, to retransmit the processing requests to a component of the telecommunications server responsible for performing a requested processing operation, and to transmit a response from the component of the telecommunications server in response to the processing requests.

19. (New) The system of claim 18, wherein the interface module comprises a plurality of duplicated components to provide fault tolerance.

20. (New) The system of claim 16, comprising an access monitor including:

means for connecting and disconnecting a telecommunications terminal and the telecommunications server;

means for connecting and disconnecting a telecommunications service and the telecommunications server;

means for managing, in real time, telecommunications services activated for the user;

means for selecting a user profile and an availability mode in the user profile to be activated;

means for selecting events for user notification; and

means for selecting a telecommunications terminal to receive an incoming call.

21. (New) The system of claim 16, wherein each of the plurality of telecommunications terminals is selected from the group consisting of: a personal computer, a personal digital assistant (PDA), a cellular telephone, and a wire telephone.

22. (New) The system of claim 16, wherein the at least one telecommunications network is selected from the group consisting of: a terrestrial telephone network, a cellular telephone network, and a computer network.

23. (New) The system of claim 16, wherein the at least one telecommunications service server comprises:

means for connecting to the telecommunications service mediation system;

means for specifying and transmitting, to the telecommunications service mediation system, at least one event of which the telecommunications service server must be notified by the telecommunications service mediation system or that the telecommunications service server is capable of transmitting to the telecommunications service mediation system; and

means for receiving, from the telecommunications service mediation system, event notifications from other telecommunications services having been specified as required to be notified by the telecommunications service server.